

IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)



International Application No. : PCT/GB00/01015
International Filing Date : 17 MARCH 2000
U.S. Serial No. : 09/937,100
Deposit Date U.S. Nat'l Phase : 20 SEPTEMBER 2001
Priority Date(s) Claimed : 23 MARCH 1999
Applicant(s) : CARR, Francis, J.

Title: PROTEIN ISOLATION AND ANALYSIS

**RESPONSE TO NOTIFICATION OF DEFECTIVE RESPONSE
IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

Commissioner for Patents
Box PCT
Washington, D.C. 20231
Sir:

In response to the Notification of Defective Response mailed 22 MARCH 2002 attached is a paper and disk version of the Sequence Listing, a statement affirming that the paper and disk versions are identical, as well as a copy of the Notification.

The Patent and Trademark Office is authorized to deduct any additional fees from, or credit any overpayments to, counsel's deposit account No. 13-3402, a copy of this paper being attached.

Respectfully submitted,



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Internet Address: zelano@mwzb.com

Filed: 22 APRIL 2002



UNITED STATES PATENT AND TRADEMARK OFFICE

DEC 29 2002

MAR 29 2002	Commissioner for Patents, Box PCT, United States Patent and Trademark Office, Washington, D.C. 20231 Millen, White, Zelano & Branigan, P.C.
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U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
09/937,100	Francis J Carr	MERCK 2309
INTERNATIONAL APPLICATION NO.		
PCT/GB00/01015		
IA. FILING DATE		PRIORITY DATE
03/17/2000		03/23/1999
CONFIRMATION NO. 4360 371 FORMALITIES LETTER  *OC000000007684337*		

Date Mailed: 03/22/2002

NOTIFICATION OF DEFECTIVE RESPONSE

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as an Elected Office (37 CFR 1.495):

- U.S. Basic National Fee
- Priority Document
- Biochemical Sequence Diskette
- Biochemical Sequence Listing
- Copy of IPE Report
- Copy of references cited in ISR
- Copy of the International Application
- Copy of the International Search Report
- Oath or Declaration
- Preliminary Amendments
- Substitute Specification

*DEFECTIVE RESPONSE DUE
(S50. LISTING) X/10
4/22/02
1st CALL UP 4/15/02*

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

Applicant is required to complete the response within a time limit of ONE MONTH from the date of this Notification or within the time remaining in the response set forth in the Notification of Missing Requirements, whichever is the longer. No extension of this time limit may be granted under 37 CFR 1.136, but the period for response set in the Notification of Missing Requirements may be extended under 37 CFR 1.136(a).

The following items **MUST** be furnished within the period set forth below:

- The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 CFR 1.821-1.825 for the following reason(s):
 - A copy of the "Sequence Listing" in computer readable form has been submitted. The content of the computer readable form, however, does not comply with the requirements of 37 CFR 1.822 and/or 1.832, as indicated on the attached marked-up copy of the "Raw Sequence Listing."

DKT/JP
4/15/02
15

- The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A substitute computer readable form must be submitted as required by 37 CFR 1.825(d).
- **APPLICANT MUST PROVIDE:**
 - An initial or substitute computer readable form (CRF) of the "Sequence Listing."
 - An initial or substitute paper copy or compact disc of the "Sequence Listing," as well as an amendment directing its entry into the specification.
- For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:
 - For Rules Interpretation, call (703) 308-4216
 - To Purchase PatentIn Software, call (703) 306-2600
 - For PatentIn Software Program Help, call (703) 306-4119 or e-mail at patin21help@uspto.gov or patin3help@uspto.gov
- A copy of the "Sequence Listing" in computer readable form has been submitted. The content of the computer readable form, however, does not comply with the requirements of 37 CFR 1.822 and/or 1.832, as indicated on the attached marked-up copy of the "Raw Sequence Listing."
- The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A substitute computer readable form must be submitted as required by 37 CFR 1.825(d).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

VONDA M WALLACE

Telephone: (703) 305-3736

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
09/937,100	PCT/GB00/01015	MERCK 2309

BIOTECHNOLOGY
SYSTEMS
BRANCH

RAW SEQUENCE LISTING
ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/937,100
Source: PCR/09
Date Processed by STIC: 2/8/2002

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>>), EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202. CDS
3. Hand Carry directly to:
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name: INFORMATION: Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202 <220> FEATURE:
Or
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, (1) .. (1) 2011 South Clark Place, Arlington, VA 22202 <220> NAME/KEY: misc_feeth
53 <222> LOCATION: (1) .. (24) 60 <220> OTHER INFORMATION: R
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office: Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202 KEY: misc_feeth
<223> OTHER INFORMATION:

Revised 01/29/2002



PCT09

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/937,100

DATE: 02/08/2002
TIME: 11:34:17

Input Set : A:\pto.vsk.txt
Output Set: N:\CRF3\02082002\I937100.raw

PPS 34
Does Not Comply
Corrected Diskette Needed

3 <110> APPLICANT: Biovation Limited
5 <120> TITLE OF INVENTION: Protein Isolation and Analysis
7 <130> FILE REFERENCE: 0099176-Bzgs
9 <140> CURRENT APPLICATION NUMBER: US/09/937,100
10 <141> CURRENT FILING DATE: 2001-01-07
12 <150> PRIOR APPLICATION NUMBER: 9906551.8 GB
13 <151> PRIOR FILING DATE: 1999-03-23
15 <150> PRIOR APPLICATION NUMBER: 9907057.5 GB
16 <151> PRIOR FILING DATE: 1999-03-29
18 <150> PRIOR APPLICATION NUMBER: 9907641.6 GB
19 <151> PRIOR FILING DATE: 1999-04-06
21 <150> PRIOR APPLICATION NUMBER: 9914874.4 GB
22 <151> PRIOR FILING DATE: 1999-06-28
24 <150> PRIOR APPLICATION NUMBER: 9915363.7 GB
25 <151> PRIOR FILING DATE: 1999-07-02
27 <150> PRIOR APPLICATION NUMBER: 9915677.0 GB
28 <151> PRIOR FILING DATE: 1999-07-06
30 <150> PRIOR APPLICATION NUMBER: 9916511.0 GB
31 <151> PRIOR FILING DATE: 1999-07-14
33 <150> PRIOR APPLICATION NUMBER: 9920503.1 GB
34 <151> PRIOR FILING DATE: 1999-08-31
36 <150> PRIOR APPLICATION NUMBER: 9922285.3 GB
37 <151> PRIOR FILING DATE: 1999-09-21
39 <160> NUMBER OF SEQ ID NOS: 69
41 <170> SOFTWARE: PatentIn version 3.1
43 <210> SEQ ID NO: 1
44 <211> LENGTH: 24
45 <212> TYPE: DNA
46 <213> ORGANISM: Artificial Sequence
48 <220> FEATURE:
49 <223> OTHER INFORMATION: Oligonucleotide for an 8 amino acid barcode peptide
51 <220> FEATURE:
52 <221> NAME/KEY: CDS
53 <222> LOCATION: (1)..(24)
54 <223> OTHER INFORMATION:
57 <220> FEATURE:
58 <221> NAME/KEY: misc_feature
59 <222> LOCATION: (1)..(1) /
60 <223> OTHER INFORMATION: n=a,t,g,c
63 <220> FEATURE:
64 <221> NAME/KEY: misc_feature
65 <222> LOCATION: (4)..(4)
66 <223> OTHER INFORMATION: n=a,t,g,c

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/937,100

DATE: 02/08/2002
TIME: 11:34:17

Input Set : A:\pto.vsk.txt
Output Set: N:\CRF3\02082002\I937100.raw

69 <220> FEATURE:
70 <221> NAME/KEY: misc_feature
71 <222> LOCATION: (7)..(7)
72 <223> OTHER INFORMATION: n=a,t,g,c
75 <220> FEATURE:
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77 <222> LOCATION: (10)..(10)
78 <223> OTHER INFORMATION: n=a,t,g,c
81 <220> FEATURE:
82 <221> NAME/KEY: misc_feature
83 <222> LOCATION: (14)..(14)
84 <223> OTHER INFORMATION: k=g,t
87 <220> FEATURE:
88 <221> NAME/KEY: misc_feature
89 <222> LOCATION: (16)..(16)
90 <223> OTHER INFORMATION: v=a,g,c
93 <220> FEATURE:
94 <221> NAME/KEY: misc_feature
95 <222> LOCATION: (20)..(20)
96 <223> OTHER INFORMATION: n=a,g,t,c
99 <220> FEATURE:
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101 <222> LOCATION: (21)..(21)
102 <223> OTHER INFORMATION: v=a,g,c
105 <220> FEATURE:
106 <221> NAME/KEY: misc_feature
107 <222> LOCATION: (23)..(23)
108 <223> OTHER INFORMATION: n=a,t/g,c
111 <400> SEQUENCE: 1/
112 nac ncc ngg ntg tkc vag gnv cnt
113 Xaa Xaa Xaa Xaa Xaa Xaa Xaa
114 1 5
117 <210> SEQ ID NO: 2
118 <211> LENGTH: 8
119 <212> TYPE: PRT
120 <213> ORGANISM: Artificial Sequence
122 <220> FEATURE:
123 <221> NAME/KEY: misc_feature
124 <222> LOCATION: (1)..(1)
125 <223> OTHER INFORMATION: The 'Xaa' at location 1 stands for Asn/Asp/Thr/Ser/Tyr
127 <220> FEATURE:
128 <221> NAME/KEY: misc_feature
129 <222> LOCATION: (2)..(2)
130 <223> OTHER INFORMATION: The 'Xaa' at location 2 stands for Thr/Ala/Pro/Arg/Ser
132 <220> FEATURE:
133 <221> NAME/KEY: misc_feature
134 <222> LOCATION: (3)..(3)
135 <223> OTHER INFORMATION: The 'Xaa' at location 3 stands for Arg/Gly/Trp/Met/Ile
137 <220> FEATURE:
138 <221> NAME/KEY: misc_feature
139 <222> LOCATION: (4)..(4)
140 <223> OTHER INFORMATION: V
145 <220> FEATURE:
146 <221> NAME/KEY: misc_feature
147 <222> LOCATION: (5)..(5)
148 <223> OTHER INFORMATION: V
153 <220> FEATURE:
154 <221> NAME/KEY: misc_feature
155 <222> LOCATION: (6)..(6)
156 <223> OTHER INFORMATION: V
161 <220> FEATURE:
162 <221> NAME/KEY: misc_feature
163 <222> LOCATION: (7)..(7)
164 <223> OTHER INFORMATION: V
165 <220> FEATURE:
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167 <222> LOCATION: (8)..(8)
168 <223> OTHER INFORMATION: V
170 <220> FEATURE:
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172 <222> LOCATION: (9)..(9)
173 <223> OTHER INFORMATION: V
177 <220> FEATURE:
178 <221> NAME/KEY: misc_feature
179 <222> LOCATION: (10)..(10)
180 <223> OTHER INFORMATION: V
185 <220> FEATURE:
186 <221> NAME/KEY: misc_feature
187 <222> LOCATION: (11)..(11)
188 <223> OTHER INFORMATION: V
190 <220> FEATURE:
191 <221> NAME/KEY: misc_feature
192 <222> LOCATION: (12)..(12)
193 <223> OTHER INFORMATION: V
195 <220> FEATURE:
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198 <223> OTHER INFORMATION: V
203 <220> FEATURE:
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205 <222> LOCATION: (14)..(14)
206 <223> OTHER INFORMATION: V
211 <220> FEATURE:
212 <221> NAME/KEY: misc_feature
213 <222> LOCATION: (15)..(15)
214 <223> OTHER INFORMATION: V
219 <220> FEATURE:
220 <221> NAME/KEY: misc_feature
221 <222> LOCATION: (16)..(16)
222 <223> OTHER INFORMATION: V
227 <220> FEATURE:
228 <221> NAME/KEY: misc_feature
229 <222> LOCATION: (17)..(17)
230 <223> OTHER INFORMATION: V
235 <220> FEATURE:
236 <221> NAME/KEY: misc_feature
237 <222> LOCATION: (18)..(18)
238 <223> OTHER INFORMATION: V
243 <220> FEATURE:
244 <221> NAME/KEY: misc_feature
245 <222> LOCATION: (19)..(19)
246 <223> OTHER INFORMATION: V
251 <220> FEATURE:
252 <221> NAME/KEY: misc_feature
253 <222> LOCATION: (20)..(20)
254 <223> OTHER INFORMATION: V

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/937,100

DATE: 02/08/2002
TIME: 11:34:17

Input Set : A:\pto.vsk.txt
Output Set: N:\CRF3\02082002\I937100.raw

138 <221> NAME/KEY: misc_feature
139 <222> LOCATION: (4)..(4)
140 <223> OTHER INFORMATION: The 'Xaa' at location 4 stands for Met, Val, or Leu.
142 <220> FEATURE:
143 <221> NAME/KEY: misc_feature
144 <222> LOCATION: (5)..(5)
145 <223> OTHER INFORMATION: The 'Xaa' at location 5 stands for Cys, or Phe.
147 <220> FEATURE:
148 <221> NAME/KEY: misc_feature
149 <222> LOCATION: (6)..(6)
150 <223> OTHER INFORMATION: The 'Xaa' at location 6 stands for Lys, Glu, or Gln.
152 <220> FEATURE:
153 <221> NAME/KEY: misc_feature
154 <222> LOCATION: (7)..(7)
155 <223> OTHER INFORMATION: The 'Xaa' at location 7 stands for Glu, Asp, Gly, Ala, or

Val.

157 <220> FEATURE:
158 <221> NAME/KEY: misc_feature
159 <222> LOCATION: (8)..(8)
160 <223> OTHER INFORMATION: The 'Xaa' at location 8 stands for His, Arg, Pro, or Leu.
162 <220> FEATURE:
163 <223> OTHER INFORMATION: Oligonucleotide for an 8 amino acid barcode peptide
165 <220> FEATURE:
166 <221> NAME/KEY: misc_feature
167 <222> LOCATION: (1)..(1)
168 <223> OTHER INFORMATION: n=a,t,g,c
170 <220> FEATURE:
171 <221> NAME/KEY: misc_feature
172 <222> LOCATION: (4)..(4)
173 <223> OTHER INFORMATION: n=a,t,g,c
175 <220> FEATURE:
176 <221> NAME/KEY: misc_feature
177 <222> LOCATION: (7)..(7)
178 <223> OTHER INFORMATION: n=a,t,g,c
180 <220> FEATURE:
181 <221> NAME/KEY: misc_feature
182 <222> LOCATION: (10)..(10)
183 <223> OTHER INFORMATION: n=a,t,g,c
185 <220> FEATURE:
186 <221> NAME/KEY: misc_feature
187 <222> LOCATION: (14)..(14)
188 <223> OTHER INFORMATION: k=g,t
190 <220> FEATURE:
191 <221> NAME/KEY: misc_feature
192 <222> LOCATION: (16)..(16)
193 <223> OTHER INFORMATION: v=a,g,c
195 <220> FEATURE:
196 <221> NAME/KEY: misc_feature
197 <222> LOCATION: (20)..(20)
198 <223> OTHER INFORMATION: n=a,g,t,c

Seq. 2 is a peptide
Sequence

Delete

This section and
that circled on p. 4
are for a
nucleotide sequence,
not a peptide
sequence

252 <400> SEQUENCE: ATGCGATTCGAA
253 <400> SEQUENCE: ATGCGATTCGAA
254 <400> SEQ ID NO: 6
257 <211> LENGTH: 35
258 <212> TYPE: DNA
259 <213> ORGANISM: Artificial
261 <220> OTHER INFORMATION:
262 <221> OTHER INFORMATION:
264 <210> SEQ ID NO: 6
265 <400> SEQUENCE: ATGCGATTCGAA
266 <400> SEQ ID NO: 7
267 <211> LENGTH: 50
271 <212> TYPE: DNA
272 <213> ORGANISM: Artificial

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/937,100

DATE: 02/08/2002
TIME: 11:34:17

Input Set: A:\pto.vsk.txt
Output Set: N:\CRF3\02082002\I937100.raw

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201 <221> NAME/KEY: misc_feature
202 <222> LOCATION: (21)..(21)
203 <223> OTHER INFORMATION: v=a,g,c
205 <220> FEATURE:
206 <221> NAME/KEY: misc_feature
207 <222> LOCATION: (23)..(23)
208 <223> OTHER INFORMATION: n=a,t,g,c
210 <400> SEQUENCE: 2/
212 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
213 1 5
216 <210> SEQ ID NO: 3
217 <211> LENGTH: 14
218 <212> TYPE: PRT
219 <213> ORGANISM: Artificial Sequence
221 <220> FEATURE:
222 <223> OTHER INFORMATION: Linker peptide
224 <400> SEQUENCE: 3
226 Glu Gly Lys Ser Ser Gly Ser Gly Ser Lys Val Asp
227 1 5 10
230 <210> SEQ ID NO: 4
231 <211> LENGTH: 8
232 <212> TYPE: PRT
233 <213> ORGANISM: Artificial Sequence
235 <220> FEATURE:
236 <223> OTHER INFORMATION: Flag Epitope
238 <400> SEQUENCE: 4
240 Met Asp Tyr Lys Asp Asp Asp Asp Lys
241 1 5
244 <210> SEQ ID NO: 5
245 <211> LENGTH: 53
246 <212> TYPE: DNA
247 <213> ORGANISM: Artificial Sequence
249 <220> FEATURE:
250 <223> OTHER INFORMATION: Primer RD5' Flag
252 <400> SEQUENCE: 5
253 gcggtatcca tatggactac aaagacgtat acgacaaaaca ggtgcagctg tag
256 <210> SEQ ID NO: 6
257 <211> LENGTH: 35
258 <212> TYPE: DNA
259 <213> ORGANISM: Artificial Sequence
261 <220> FEATURE:
262 <223> OTHER INFORMATION: Primer RD3'
264 <400> SEQUENCE: 6
265 gcgaaatccgt ggtgggtgtg gtgggtgtac tctcc
268 <210> SEQ ID NO: 7
269 <211> LENGTH: 50
270 <212> TYPE: DNA
271 <213> ORGANISM: Artificial Sequence

delete

272 <220> FEATURE:
273 <223> OTHER INFORMATION:
274 <400> SEQUENCE: 11
275 atggaaattee tggatggcc
278 <210> SEQ ID NO: 12
279 <211> LENGTH: 18
280 <212> TYPE: DNA
281 <213> ORGANISM: Artificial
283 <220> FEATURE:
284 <223> OTHER INFORMATION:
286 <400> SEQUENCE: 12
287 ggaaaggcttga attccgtcc
340 <210> SEQ ID NO: 13
341 <211> LENGTH: 28
342 <212> TYPE: DNA
343 <213> ORGANISM: Artificial
345 <220> FEATURE:

RAW SEQUENCE LISTING DATE: 02/08/2002
 PATENT APPLICATION: US/09/937,100 TIME: 11:34:18

Input Set : A:\pto.vsk.txt
 Output Set: N:\CRF3\02082002\I937100.raw

273 <220> FEATURE:
 274 <223> OTHER INFORMATION: Fos1for
 276 <400> SEQUENCE: 7
 277 atggaattcc tcgagaccga caccctacag gcggaaaccg accagcttga 50
 280 <210> SEQ ID NO: 8
 281 <211> LENGTH: 50
 282 <212> TYPE: DNA
 283 <213> ORGANISM: Artificial Sequence
 285 <220> FEATURE:
 286 <223> OTHER INFORMATION: Fos80rev
 288 <400> SEQUENCE: 8
 289 tcgcgatttc ggtttgcgc gggattttt cgtttccag ctggtcggtt 50
 292 <210> SEQ ID NO: 9
 293 <211> LENGTH: 50
 294 <212> TYPE: DNA
 295 <213> ORGANISM: Artificial Sequence
 297 <220> FEATURE:
 298 <223> OTHER INFORMATION: Fos71for
 300 <400> SEQUENCE: 9
 301 aaaccgaaat cgcgaacctg ctgaaagaaa aagaaaagct ggagttcatc 50
 304 <210> SEQ ID NO: 10
 305 <211> LENGTH: 50
 306 <212> TYPE: DNA
 307 <213> ORGANISM: Artificial Sequence
 309 <220> FEATURE:
 310 <223> OTHER INFORMATION: Fos155rev
 312 <400> SEQUENCE: 10
 313 ggaagcttga attccgcgg acggtgtgcc gccaggatga actccagctt 50
 316 <210> SEQ ID NO: 11
 317 <211> LENGTH: 18
 318 <212> TYPE: DNA
 319 <213> ORGANISM: Artificial Sequence
 321 <220> FEATURE:
 322 <223> OTHER INFORMATION: primer Fos1 fs
 324 <400> SEQUENCE: 11
 325 atggaattcc tcgagacc
 328 <210> SEQ ID NO: 12
 329 <211> LENGTH: 18
 330 <212> TYPE: DNA
 331 <213> ORGANISM: Artificial Sequence
 333 <220> FEATURE:
 334 <223> OTHER INFORMATION: Primer Fos155 rs
 336 <400> SEQUENCE: 12 18
 337 ggaagcttga attccgcgg
 340 <210> SEQ ID NO: 13
 341 <211> LENGTH: 28
 342 <212> TYPE: DNA
 343 <213> ORGANISM: Artificial Sequence
 345 <220> FEATURE:

→ Use of n and/or Xaa has been detected in the Sequence Listing.
 Review the Sequence Listing to insure a corresponding
 explanation is presented in the <220> to <223> fields of
 each sequence using n or Xaa.

VERIFICATION SUMMARY DATE: 02/08/2002
PATENT APPLICATION: US/09/937,100 TIME: 11:34:19

Input Set: A:\pto.vsk.txt
Output Set: N:\CRF3\02082002\I937100.raw

L:9 M:270 C: Current Application Number differs, Replaced Current Application Number
L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:112 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:113 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:212 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:529 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27
L:553 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28
L:577 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29
L:601 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:625 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
L:649 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32
L:673 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33
L:697 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34
L:721 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35
L:745 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36
L:1038 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:58
L:1039 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:58
L:1042 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:58
L:1043 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:58
L:1112 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:59
L:1116 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:59
L:1136 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:60
L:1163 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:61
L:1164 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:61
L:1258 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:62
L:1282 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:63
L:1374 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:64
L:1375 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:64
L:1493 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:65
L:1560 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:66
L:1710 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:67
L:1711 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:67
L:1714 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:67
L:1715 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:67
L:1919 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:68
L:1923 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:68
L:2044 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:69
L:2046 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:69